

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/511621
				Filing Date	October 19, 2004
				First Named Inventor	Petra Cirpus
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	12810-00043-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/E.M./	AA	US-5,614,393	03-25-1997	Thomas et al.	
V	AB	US-6,043,111	03-28-2000	Nishizawa et al.	
	AC	US2004/0111763	06-10-2004	Heinz et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
/E.M./	BA	EP-0550162	07-07-1993	Pioneer Hi-Bred International, INC.	
	BB	EP-0794250	09-10-1997	Soremartec S.A. et al.	
	BC	WO-00/21557	04-20-2000	Merck & Co., Inc.	
	BD	WO-91/13972	09-19-1991	Calgene, Inc.	
	BE	WO-93/06712	04-15-1993	Rhone-Poulenc Agrochimie	
	BF	WO-93/11245	06-10-1993	E.I. Du Pont De Nemours and Co.	
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	BI	WO-95/18222	07-06-1995	Kirin Beer Kabushiki Kaisha	See US 6,043,411
	BJ	WO-96/21022	07-11-1996	Rhone-Poulenc Agrochimie	
	BK	WO-97/21340	06-19-1997	Cargill, Inc.	
	BL	WO-97/30582	08-28-1997	Carnegie Institution of Washington	
	BM	WO-98/46763	10-22-1998	Calgene LLC, et al.	
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	BQ	WO-99/27111	06-03-1999	University of Bristol	
	BR	WO-01/02591	01-11-2001	BASF Aktiengesellschaft	See CA 2,378,423
	BS	WO-01/59128	08-16-2001	BASF Aktiengesellschaft	See US 2004/0111763
	BT	CA-2378423 A1	01-11-2001	BASF Plant Science GmbH	

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Examiner Signature	/Elizabeth McElwain/	Date Considered	11/10/2010
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/E.M./	CA	Alonso, D. Lopez, et al., "Plants as 'chemical factories' for the production of polyunsaturated fatty acids", <i>Biotechnology Advances</i> , Vol. 18, 2000, pp. 481-497.			
↓	CB	Sayanova, Olga, et al., "Expression of a borage desaturase cDNA containing an N-terminal cytochrome b5 domain results in the accumulation of high levels of Δ6 -desaturated fatty acids in transgenic tobacco." <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, 1997, pp. 4211-4216.			
↓	CC	Stukey, Joseph et al., "The OLE1 Gene of <i>Saccharomyces cerevisiae</i> Encodes the Δ9 Fatty Acid Desaturase and Can Be Functionally Replaced by the Rat Stearoyl-CoA Desaturase Gene", <i>The Journal of Biological Chemistry</i> , Vol. 265, No.33, 1990, pp. 20144-20149.			
↓	CD	McKeon, Tom, et al., "Stearoyl-Acyl Carrier Protein Desaturase from Safflower Seeds." <i>Methods in Enzymology</i> , Vol. 71, 1981, pp. 275-281.			
↓	CE	Huang, Yung-Sheng, et al., "Cloning of Δ12-and Δ6-Desaturases from <i>Mortierella alpina</i> and Recombinant Production of γ-Linolenic Acid in <i>Saccharomyces cerevisiae</i> ." <i>Lipids</i> , Vol. 34, No. 7, 1999, pp.649-659.			
↓	CF	Wada, Hajime, et al., "Enhancement of chilling tolerance of a cyanobacterium by genetic manipulation of fatty acid desaturation." <i>Nature</i> , Vol. 347, No.6288, 1990, pp.200-203.			
↓	CG	Wang, Xuemin, et al., "Biosynthesis and regulation of linolenic acid in higher plants." <i>Plant Physiology and Biochemistry</i> , Vol. 26, No. 6, 1988, pp.777-792.			

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